



ATTORNEYS AT LAW



Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
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Robert C. Millonig
Lawrence B. Bugalsky
Donald J. Featherstone
Michael V. Messinger

Judith U. Kim
Timothy J. Shea, Jr.
Patrick E. Garrett
Jeffery T. Helvey
Heidi L. Kraus
Crystal D. Sayles
Edward W. Yee
Albert L. Ferno
Donald R. Banowitz
Peter A. Jackman
Molly A. McCall
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Albert J. Fasulo II
Eldora Ellison Floyd
W. Russell Swindell

Thomas C. Fiata
Brian J. Del Buono
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Joseph S. Ostroff
Frank R. Cunningham
Christine M. Lhullier
Rae Lynn Prengaman
Jane Shershenovich
Lawrence J. Carroll
George S. Bardmesser
Rodney G. Maze

Registered Patent Agents*
Karen R. Markowicz
Andrea J. Kamage
Nancy J. Leith
Ann E. Summerfield
Helene C. Carlson
Gaby L. Longsworth
Matthew J. Dowd
Aaron L. Schwartz
Angelique G. Jy
Boris A. Matvenko
Mary B. Tung
Katrina Y. Pei
Bryan L. Skelton
Robert A. Schwartzman
Jason D. Eisenberg
John J. Figueroa

Senior Counsel
Samuel L. Fox
Kenneth C. Bass III
Lisa A. Dunner

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SEP - 1 2002
TECHNOLOGY CENTER 2800
2822

August 29, 2002.

WRITER'S DIRECT NUMBER:
(202) 218-7831
INTERNET ADDRESS:
JWEAVER@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Art Unit 2822

Re: U.S. Utility Patent Application
Appl. No. 09/849,537; Filed: May 7, 2001
For: **Die-Up Ball Grid Array Package With A Heat Spreader and Method
for Making the Same**
Inventors: Zhang *et al.*
Our Ref: 1875.0370000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. Second Supplemental Information Disclosure Statement;
3. List of cited references on Form PTO-1449 (1 sheet);
4. Copies of cited references on Form PTO-1449 (AA1, AB1, AC1, AD1, AE1, AJ1, AK1, AL1, AN1, AO1, AP1, and AQ1);
5. Return postcard; and
6. Our check number 364163 for \$180.00 to cover fee for submission of IDS.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

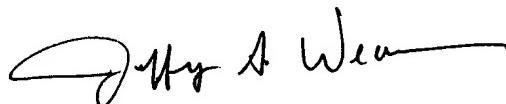
Commissioner for Patents
August 29, 2002
Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey S. Weaver
Attorney for Applicants
Registration No. 45,608

JSW/asl
Enclosures

SKGF_DC1:50930.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 180.00)

AUG 29 2002

Complete if Known

| | |
|----------------------|----------------|
| Application Number | 09/849,537 |
| Filing Date | May 7, 2001 |
| First Named Inventor | Tonglong Zhang |
| Examiner Name | Monica Lewis |
| Group Art Unit | 2822 |
| Attorney Docket No. | 1875.0370000 |

TRADEMARK TRANSFER AND USE

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

| | |
|------------------------|---|
| Deposit Account Number | 19-0036 |
| Deposit Account Name | Sterne, Kessler, Goldstein & Fox P.L.L.C. |

Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other*

*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-----------------------|----------|-----------------------|----------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

| Extra | Fee from below | Fee Paid | | | |
|---|-----------------------|-----------------|-----|---|--|
| Total Claims _____ - 20** = _____ X _____ = _____ | | | | | |
| Indep. Claims _____ - 3** = _____ X _____ = _____ | | | | | |
| Multiple Dependent _____ = _____ | | | | | |
| Large Entity Fee Code | Small Entity Fee Code | Fee Description | | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | |
| 104 | 280 | 204 | 140 | Multiple dependent claim | |
| 108 | 84 | 209 | 42 | **Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Entity | Small Entity | Entity | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 130 | 123 | 130 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | \$180.00 |
| 581 | 40 | 481 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify):

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

SUBMITTED BY**Complete (if applicable)**

| | | | | | |
|-------------------|---|--------------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Jeffrey S. Weaver | Registration No. (Attorney/Agent) | 45,608 | Telephone | 202-371-2600 |
| Signature |  | | Date | 8-29-02 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.